FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE MODIFIED ARC-1417-551 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) 10/591.439 **CONCERNING A FILING UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/JP2005/003599 3 March 2005 4 March 2004 TITLE OF INVENTION PROCESS FOR PRODUCTION OF CUMENE HYDROPEROXIDE APPLICANT(S) FOR DO/EO/US KUMA et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. \boxtimes This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include 3. items (5), (6), (9) and (21) indicated below. The U.S. has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2). pages specification, claims & abstract (claims), sheets drawings). a. is attached hereto (b. has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). C. An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)) 6. . \square pages specification, claims & abstract (is attached hereto (claims). sheets drawings, page Certificate of Translation). has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3) 7. П a. are attached hereto (required only if not communicated by the International Bureau). \Box have been communicated by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. П C. П have not been made and will not be made. d. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4). Ø a. Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 10. U.S.C. 371(c)(5). Items 11 To 20 below concern document(s) or information included: 11 An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 12. \boxtimes A FIRST preliminary amendment. 13. a. A SECOND or SUBSEQUENT preliminary amendment. b. An Application Data Sheet under 37 C.F.R. § 1.76. A substitute specification. A change of power of attorney and/or address letter. 16. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 17. П A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 19.

Other items or information. Copy of Notification of Missing Requirements

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U.S. APPLICATION NO. (If known, see 37 C. 10/591,439	.F.R. 1.5) IN	INTERNATIONAL APPLICATION NO. PCT/JP2005/003599			ATTORNEY'S DOCKET NUMBER 1417-551				
☐ The following fees are submitted:									
BASIC NATIONAL FEE (37 C.F	F.R. 1.492(a)(1)-(5):					 			
21. Basic national fee			0.00 (1631)/\$150.00 (26:	31)	\$			
22. Examination Fee				•	•				
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Additional fee for specification computer program listing filed paper or fraction thereof.	n and drawings filed in I in an electronic medi	paper over 100 she um). The fee is \$25	ets (ex i0 for e	ach additional 50 she	ets of				
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Surcharge of \$130.00 (1617)/\$65.00	0 (2617) for furnishi	ng the oath or do	clarati	on later than 🗀 20	months	Ħ		-cu	
from the earliest claimed priority dat			ciarati	on later than _ 50	months	\$			
CLAIMS NUMBER F	·	T	-	RATE		┼┷┤			
Total Claims minu	us 20 0 X	\$50.00 (1615)/		\$25.00 (2615)		\$			
Independent Claims minu	us 3 = 0 X	\$200.00 (1614)		\$100.00 (2614)		\$			
MULTIPLE DEPENDENT CLAIMS	S) (if applicable)			6)/\$180.00 (2616)		\$	0.00		
Petition is hereby made to extend the attachment(s): One Month Extension									
(1252)/\$225.00 (2252);Three Month \$1590.00 (1254/\$795.00 (2254)	n Extensions \$1020	.00 (1253/\$510.00	(225	3); Four Month Ext	ensions	 \$	0.00		
Applicant claims small entity sta	atus. See 37 CFR 1	.27.				 	0.00		
Processing fee of \$130.00 (1618), for	or furnishing the En	glish Translation	later th	nan 🗌 20 🔲 3	0				
months from the earliest claimed pri	iority date (37 C.F.F	R. 1.492(f).		+		Ш	0.00		
				TOTAL NATIONA		\$	0.00		
Fee for recording the enclosed assign an appropriate cover sheet (37 C.F.	gnment (37 C.F.R.	1.21(h). The assi	gnmei	nt must be accomp	anied by		40.00		
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U.S. Application No.10/591,4	139; Atty Docke	t No.1417-551							
a. 🛛 A check in the amount of	\$40.00 to cover the	e above fees is er 140 in the amoun			above fees				

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A duplicate copy of this form is enclo	sed.					
c. 🔯 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any						
overpayment to Deposit Account No.	14-1140. A duplicate copy of	this form is enclosed.				
d. CREDIT CARD PAYMENT FOR	M ATTACHED.					
e. The entire content of International Ap	oplication No. PCT/JP2005/003	599 and any U.S. and forei	gn application(s) corresponding			
	on is/are hereby incorporated by					
NOTE: Where an appropriate time limit und						
or (b) must be filed and granted to restore the			, , ,			
CORRESPONDENCE ADDRESS						
Direct all correspondence to:						
☐ Customer Number:	22447					
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		Wash I Va	K _			
Tolophone: (702) 916, 4000		Arthur R. Crawford				
Telephone: (703) 816-4000		NAME /				
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		25,327	June 6, 2007			
		REGISTRATION NUMBER	Date			



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450 www.uspto.gov

OC000000023625284

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	. ATT	TY, DOCKET NO.		
10/591,439	Kuma	•	1417-551 ARC		
		INTERNATIONAL AP	PLICATION NO.		
		PCT/JP05/03599			
23117		I.A. FILING DATE	PRIORITY DATE		
NIXON & VANDERHYE, PC		03/03/2005	03/04/2004		

901 NORTH GLEBE ROAD, 11TH FLOOR ARLINGTON, VA 22203

CONFIRMATION NO. 1782 371 FORMALITIES LETTER

Date Mailed: 05/02/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/01/2006
- Copy of the International Search Report filed on 09/01/2006
- Preliminary Amendments filed on 09/01/2006
- Information Disclosure Statements filed on 09/01/2006
- Request for Immediate Examination filed on 09/01/2006
- U.S. Basic National Fees filed on 09/01/2006
- Priority Documents filed on 09/01/2006
- Specification filed on 09/01/2006
- Claims filed on 09/01/2006
- Abstracts filed on 09/01/2006

CLT/MATTER # 1417-551
CLT/MATTER #
MAIL DATE
DUE DATE JULY 2, 2007
FINAL DEADLINE DEC. 2,2007
FINAL DEADLINE
DOCKETED BY LUS
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The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

 Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspio.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	U.S. APPLICATION NUMBER NO. INTERNATIONAL APPLICATION NO.	
10/591,439	РСТ/Љ05/03599	1417-551

FORM PCT/DO/EO/905 (371 Formalities Notice)